

**Oklahoma Cooperative Extension Service
Oklahoma State University
Plan of Work Update for Federal Fiscal 2005-2006**

Introduction

This document contains the update for FY05-06 Plan of Work (POW) for the Oklahoma Cooperative Extension Service (OCES) that is part of the Division of Agriculture Sciences and Natural Resources at Oklahoma State University. The POW Update is a brief summary of significant modifications to the OCES FY2000-2004 POW as required by the Agricultural Research, Extension and Education Reform Act of 1998, and as specified under FY 2005-FY2006 Plan of Work Update (February 11, 2004) to the USDA's "Guidelines for State Plans of Work for Agricultural Research and Extension Formula Funds". It is based on the Division's revised (draft 2004) Strategic Plan, Extension staffing plan (November 2003), and public/stakeholder input.

This POW does not include the College of Agricultural Sciences and Natural Resources academic programs plan nor the Oklahoma Agricultural Experiment Station's research plan. However, it was developed in conjunction with the Oklahoma Agricultural Experiment Station's POW.

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Planned Programs

In large part, the programs outlined in the FY2000-2004 POW will be continued. However, considerable downsizing of personnel due to budget reductions has necessitated a new identification of high priority areas and appropriate programming. In addition, new developments such as scientific and technical advances, changing social frameworks, changing government agricultural programs, homeland and food security issues, and evolving environmental issues provided impetus for priority setting under a new OCES/Division Strategic Plan. Following a strategic planning process, twenty-eight initiatives were identified for team

extension, research or extension-research efforts. Each initiative will have a set of two to seven thrusts which identify the major issue/scientific priority areas. Programs and projects are then identified to address the needs and opportunities in these priority thrusts.

For this Update, the twenty-three initiatives with Extension implications will be listed according to the CSREES Goal that best represents the issues and projected programming. In some cases, a few initiatives will have programs that could be in more than one CSREES Goal or contain some programs aligned with one goal and some with another.

CSREES Goal 1: An agricultural system that is highly competitive in the global economy. Empower the agricultural system with knowledge that will improve competitiveness in domestic production, processing, and marketing.

Cattle and Forages Initiative
Crop Management Initiative
Farm and Agribusiness Management Initiative
Wheat – Multiple Uses Initiative
Cattle Receiving and Feeding Initiative
Commercial Horticulture Initiative
Ecosystem Management, Conservation and Restoration Initiative
Food Processing Initiative
Integrated Pest Management Initiative
Oklahoma Mesonet Initiative
Sensor-Based Technology Initiative
Stored Products Initiative
Turf Production Initiative

CSREES Goal 2: A safe and secure food and fiber system. To ensure an adequate food and fiber supply and food safety through science-based detection, surveillance, prevention and education.

Food Safety Initiative
Homeland Security Initiative

CSREES Goal 3: A healthy, well-nourished population. Through research and education on nutrition and development of more nutritious foods, enable people to make health promoting choices.

Human Nutrition and Health Initiative

CSREES Goal 4: Greater harmony between agriculture and the environment. Enhance the quality of the environment through better understanding of and building on agriculture's and forestry's complex links with soil, water, air, and biotic resources.

Environmental Quality and Waste Management Initiative
Natural Resource Education Initiative

CSREES Goal 5: Enhanced economic opportunity and quality of life for Americans. Empower people and communities, through research-based information and education, to address economic and social challenges facing our youth, families and communities.

Community Resource and Economic Development Initiative
Consumer Horticulture and Urban Forestry Initiative
Family Economic Wellbeing Initiative
Family Resiliency Initiative
4-H Youth Development Initiative

Examples of Initiative Thrusts

In order to keep this update to the appropriate length, thrusts related to all initiatives will not be enumerated. However, for illustration purposes, following are some examples of initiatives and the related thrusts.

Cattle and Forages Initiative

- Cattle breeding and reproduction
- Nutrition, health, and herd management
- Quality Assurance
- Forage selection, production and management
- Hay production and Storage
- Marketing of livestock/hay

Crop Management Initiative (alfalfa, cotton, peanuts, sorghum, soybeans, vegetables)

- Soil fertility and Management
- Crop selection and production practices
- Crop protection and pest management
- Post harvest handling and storage
- Marketing
- Value-added products

Human Nutrition and Health Initiative

- Diabetes
- Consumer food safety
- Heart disease/death rate
- Obesity – overweight
- Poor dietary intakes

Environmental Quality and Waste Management

- Confined animal waste
- Industrial and municipal waste

- Nutrient management
- Surface and ground water quality
- Air quality
- Erosion, sedimentation and riparian management

Community Resource and Economic Development

- Agricultural enterprise vitality and value-added products
- Manufacturing
- Recreation, tourism, home-based and micro enterprises
- Community strategic development
- Community infrastructure
- Local government efficiency
- Leadership for community development and engagement

Allocated Resources

Below is the estimate of fiscal resources from federal, state, and county sources to conduct initiatives under each CSREES goal for FY 2005 and FY 2006. Also shown is the estimate of professional human resources expected to be directly conducting programming for FY 2005 and FY 2006.

CSREES Goal 1	FY2005	FY2006
Fiscal Resources (\$)	8,142,000	8,142,000
Human Resources (staff years)	82.3	82.3
CSREES Goal 2	FY2005	FY2006
Fiscal Resources (\$)	852,000	852,000
Human Resources (staff years)	9.4	9.4
CSREES Goal 3	FY2005	FY2006
Fiscal Resources (\$)	1,479,000	1,479,000
Human Resources (staff years)	16.8	16.8
CSREES Goal 4	FY2005	FY2006
Fiscal Resources (\$)	1,916,000	1,916,000
Human Resources (staff years)	20.7	20.7
CSREES Goal 5	FY2005	FY2006
Fiscal Resources (\$)	11,448,000	11,448,000
Human Resources (staff years)	131.9	131.9

Stakeholder Input Process

This process remains nearly the same as in POW FY2000-2004. However, the Oklahoma Listening Sessions conducted in every county between FY02 and FY03 (see FY02 Annual Report) will continue to result in programming adjustment, partner building and priority setting. It is expected that follow up to these will continue in the planning period. It is also expected that revisions will be made to the County and State Advisory Systems during the plan period as discussions are already underway. Likewise it is expected that each Initiative Team will have several methods and groups to provide grassroots level input to the priorities and efforts of the team.

Program Review Process

No dramatic changes are projected in the program review process. We do expect Initiative Teams to provide an additional level of program review.

Multi-State Extension Activities

These are expected to continue to evolve as new issues arise, new teams form across states, etc. We expect to see more emphasis on electronic delivery. Efforts will be more difficult as FTE number shrunk significantly through retirement and attrition between FY02 and FY04 as budget allocations shrank. Efforts will continue to be reported in the Annual Report each year.

Integrated Research Extension Activities

These are expected to continue to evolve. There will be a growing emphasis on the initiatives and several of the initiatives define strong joint research and extension programs. Efforts to increase will be more difficult as FTE number shrunk significantly through retirement and attrition between FY02 and FY04 as budget allocations shrank. Efforts will continue to be reported in the Annual Report each year.

Certification:

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Date